



#### RED PROBE+

Red Probe+ is a High Speed USB debug probe specially designed for use with ARM-based Microcontrollers.

Featuring complete integration with Red Suite, Red Probe allows high speed download to RAM and direct programming of on-chip Flash.

When used with Cortex-M3 targets, built-in support for SWV allows full support for data trace, instruction and exception profiling and application sourced diagnostics.

Together with Red Suite, Red Probe provides a complete development and debug environment for ARM-based microcontrollers

## Red Probe+™

JTAG/SWD Debug Probe

Now High Speed USB for same price as original Red Probe



## Features

- USB 2.0 High Speed — up to 480Mbps.
- Faster all round debug including stepping.
- JTAG/SWD clock up to 30MHz!
- Self powered from USB host.
- Wide target voltage range: 1.5V - 3.5V.
- Switchable protocol support:
  - ARM JTAG SWD, and SWV.
- Supports multiple standard JTAG connectors:
  - 20-pin 0.1" pitch (supplied),
  - 10-pin 0.05" pitch (1.27mm) pitch (option)
- Programmable SWV runtime trace capture.
- Hardware and Software Breakpoints.
- Integrated high-speed FLASH programming with Red Suite.
- One of the fastest download and FLASH programming algorithms in the industry:
  - Up to 5M Bytes/s download to RAM,
  - Up to 40K Bytes/s flash programming.
- Fully integrated with Red Suite.
- Priced at \$150



**Code Red Technologies Inc:** 1119 Diamond Street, San Francisco, CA 94114  
**Code Red Technologies Ltd:** 18 Gog Magog Way, Cambridge, CB22 5BQ, UK

**Tel:** USA: +1 415 420 2467; EU/UK: +44 1223 515 768

**Email:** [information@code-red-tech.com](mailto:information@code-red-tech.com) **Web:** [www.code-red-tech.com](http://www.code-red-tech.com)

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